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Atty. Dkt. No. 039153-0457 (G1162)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lopatin et al.

Title: METHOD OF USING TERNARY COPPER ALLOY TO OBTAIN A LOW RESISTANCE AND LARGE GRAIN SIZE INTERCONNECT

Appl. No.: 09/994,395

Filing Date: 11/26/2001

Examiner: Magee, T.

Art Unit: 2811

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, on the date below.

Sandra Murphy
(Printed Name)

Sandra Murphy
(Signature)

October 30, 2003
(Date of Deposit)

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

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TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.113, or an action that otherwise closes prosecution in the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

FEE

A fee in connection with submission of an information disclosure statement under 37 CFR §1.97(c) in the amount of $180.00 in accordance with 37 CFR §1.17(p) is attached.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

Respectfully submitted,

Date 10-29-03

By

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Attorney for Applicant
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Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 039153-0457 (G1162)	SERIAL NO. 09/994,395
		APPLICANT Lopatin et al.	
		FILING DATE 11/26/2001	GROUP ART UNIT 2811

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A1	6,500,749	12/31/2002	Liu et al.			
	A2	6,482,734	11/19/2002	Ha et al.			
	A3	6,465,867	10/15/2002	Bernard et al.			
	A4	6,423,633	07/23/2002	Tseng			
	A5	6,294,463	09/25/2001	Tseng			
	A6	5,224,520	07/06/1993	Shinbara et al.			
	A7	US2002/0137332	09/26/2202	Paranjpe et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED

* **EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.**

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A8	US2002/0115292	08/22/2202	Andricacos et al.			
	A9	US2002/0109233	08/15/2002	Farrar			
	A10	US2002/0102838	08/01/2002	Paranjpe et al.			
	A11	US2002/0084529	07/04/2002	Dubin et al.			
	A12	US2002/0053741	05/09/2002	Iwasaki et al.			
	A13	US2002/0036309	03/28/2002	Sekiguchi et al.			

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